



SEQUENCE LISTING

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Zhang, Hong
Henderson, Daniel R.

<120> HUMAN UROTHELIAL CELL SPECIFIC UROPLAKIN
TRANSCRIPTIONAL REGULATORY SEQUENCES, VECTORS COMPRISING
UROPLAKIN-SPECIFIC TRANSCRIPTIONAL REGULATORY SEQUENCES, AND
METHODS OF USE THEREOF

<130> 348022001500

<140> 09/814,292

<141> 2001-03-21

<150> 60/191,861

<151> 2000-03-24

<160> 46

<170> FastSEQ for Windows Version 4.0

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<211> 2240

<212> DNA

<213> Artificial Sequence

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<223> Human uroplakin II 5' flanking region

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<220>

<223> Nucleotide sequence for ADP

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ttgcctaaag cgcagacgcg ccagaccccc catctatagg cctatcattg tgctcaaccc 240
acacaatgaa aaaattcata gattggacgg tctgaaacca tgttctcttc ttttacagta 300
tgattaa 307

<210> 4

<211> 101

<212> PRT

<213> Artificial Sequence

<220>

<223> Amino acid sequence for ADP

<400> 4

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20 25 30
 Val Asn Asp Trp Ala Ser Leu Asp Met Trp Trp Phe Ser Ile Ala Leu
 35 40 45
 Met Phe Val Cys Leu Ile Ile Met Trp Leu Ile Cys Cys Leu Lys Arg
 50 55 60
 Arg Arg Ala Arg Pro Pro Ile Tyr Arg Pro Ile Ile Val Leu Asn Pro
 65 70 75 80
 His Asn Glu Lys Ile His Arg Leu Asp Gly Leu Lys Pro Cys Ser Leu
 85 90 95
 Leu Leu Gln Tyr Asp
 100

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<220>
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<210> 6
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<210> 8
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<220>
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<210> 9

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36

<210> 10
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<210> 11
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<210> 12
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32

<210> 15

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<400> 15

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39

<210> 16

<211> 40

<212> DNA

<213> Artificial Sequence

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<210> 17

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<223> PCR Primer 100.126.2

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<210> 18

<211> 37

<212> DNA

<213> Artificial Sequence

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37

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<400> 20
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<220>
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28

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29

<210> 24
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<220>
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<400> 24
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31

<210> 25
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<400> 25
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25

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<212> DNA

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<220>

<223> PCR Primer 32.32.1

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21

<210> 32

<211> 21

<212> DNA

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<220>

<223> PCR Primer 32.32.2

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21

<210> 33

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR Primer 51.176

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<210> 34

<211> 27

<212> DNA

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<223> PCR Primer 99.120.1

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<210> 35
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ctagcaaccg gtcggttcac taaacg

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<210> 37
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<223> PCR Primer 37.146.1

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<210> 38
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<223> PCR Primer 37.124.3

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<400> 39
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28

<210> 40
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<212> DNA
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<220>
<223> PCR Primer 33.81.1

<400> 40
gcagctcact taagttcatg tcg

23

<210> 41
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<220>
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<400> 41
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27

<210> 42
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<220>
<223> IRES from EMCV

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<212> DNA
<213> Artificial Sequence

<220>
<223> IRES from VEGF

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gacacgta 188

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<212> DNA
<213> Artificial Sequence

<220>

<223> 5' UTR region of HCV

<400> 44

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<212> DNA

<213> Artificial Sequence

<220>

<223> 5' UTR region of BiP

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